

AL40G CE specification

1. Specification of Machine

Ceramic table size (W×D)		600×400 mm	
Work tank internal dimensions (W×D×H)		750×620×350 mm	
Dielectric fluid level(from the table top)		100~300 mm	
Work tank capacity		190 liter	
X axis travel		400 mm	
Y axis travel		300 mm	
Z axis travel		270 mm	
Clamp chuck and distance from table to chuck	(Automatic)	EROWA COMBI ER-020025	150~420 mm
		EROWA ITS ER-007521	
	(Manual)	3R COMBI 3R-460.86-2	133~403 mm
		3R MACRO 3R-600.86	
TP TP-02		150~420 mm	
Max. electrode weight		50 kg	
*Air balance must be manually adjusted based on the electrode weight. *Automatic air balancer is available as an optional equipment.			
Max. workpiece weight		550 kg	
Distance from floor to table top		830 mm (※1)[760]	
Machine dimensions (W×D×H) (including dielectric tank and power supply unit)		1,675×2,600×2,330 mm (※1)[1,675×2,600×2,260]	
Machine installation space (W×D) (including maintenance space)		2,525×3,535 mm	
Machine weight (including dielectric tank and power supply unit)		4,100 kg	
Air pressure		(Manual clamp chuck) 0.45 MPa (Automatic clamp chuck) (※2) 0.65 MPa	
Air flow		100 NL/min	
Total power input (Including dielectric fluid cooling unit (op).)		3phases 50/60Hz 10 KVA	

2. Dielectric Tank

Dielectric tank capacity	285 liter
Required amount of dielectric fluid	330 liter
Dielectric fluid filtration method	Replaceable paper filter (MF-2400, Pressurized)

3. Coil cooler (for cooling the linear motor)

Coil cooler tank capacity	19 liter
Required amount of cooling oil	19 liter
Cooling oil	Mobil Velocity oil No.3

(※1) "Distance from floor to table top" and "Machine dimension (Height)" can be decrease if requested. (Using thin type levering pad.)

(※2) In case if the required air pressure is not satisfied in the facility, please install the air booster prior to the machine installation as optional.